receive an indication to switch from the wired zero client mode to a wireless zero client mode, wherein the portable computing device continues to rely on the host computer for operation during the wireless zero client mode;

discontinue the wired communication channel with the host computer based on the received indication to switch to the wireless zero client mode; and

cause the one or more local control processors of the portable computing device to establish a wireless communication channel between the one or more zero client processors and the host computer based on the indication to switch from the wired zero client mode to the wireless zero client mode, wherein the one or more zero client processors receives only display information from the host computer based on a process executing at the host computer via the wireless communication channel established by the one or more local control processors during the wireless zero client mode.

18. The portable computing device of claim 17, wherein the one or more zero client processors are further configured to:

receive the display information from the host computer via the wireless communication channel established by the one or more local control processors during the wireless zero client mode.

19. The portable computing device of claim 17,

wherein the indication to switch from the wired zero client mode to the wireless zero client mode comprises an indication to switch from the wired zero client mode to a local mode,

wherein the one or more zero client processors are further configured to:

discontinue, based on the indication to switch to the local mode, the wireless communication channel; and

provide, to the one or more local control processors of the portable computing device, at least partial control of the portable computing device when the wireless communication channel has been discontinued and based on the indication to switch to the local mode, wherein the one or more local control processors are configured to:

receive an indication to switch from the local mode to a zero client mode that relies upon the host computer for operation; and

discontinue the local mode based on the received indication to switch to the zero client mode;

wherein, based on the indication to switch from the local mode to a zero client mode, the one or more zero client processors configured to:

receive, from the one or more local control processors, at least partial control of the portable computing device when the local mode has been discontinued and based on the indication to switch to the zero client mode,

wherein the one or more zero client processors receive input from the input device during the zero client mode; and

execute a zero client communication protocol with the host computer, wherein the zero client communication protocol facilitates the host computer communicating to the one or more zero client processors only display information based on a process executing at the host computer.

20. The portable computing device of claim 19, wherein the indication to switch from the local mode to the zero client mode comprises an indication to switch from the local mode to a wired zero client mode, the one or more local control processors further configured to:

discontinue the controller and gateway based on the indication to switch from the local mode to the wired zero client mode.

21. The portable computing device of claim 20, wherein the one or more zero client processors are further configured to:

establish a wired communication channel with the host computer remote from the portable computing device independent of the controller and gateway during the wired zero client mode.

22. The portable computing device of claim 19, wherein the indication to switch from the local mode to the zero client mode comprises an indication to switch from the local mode to a wireless zero client mode, wherein the one or more zero client processors are further configured to:

cause the one or more local control processors of the portable computing device to establish a wireless communication channel between the one or more zero client processors and the host computer based on the indication to switch from the wired zero client mode to the wireless zero client mode, wherein the one or more zero client processors receives only display information from the host computer based on a process executing at the host computer via the wireless communication channel established by the one or more local control processors during the wireless zero client mode.

23. The portable computing device of claim 22, wherein the one or more zero client processors are further configured to:

receive the display information from the host computer via the wireless communication channel established by the one or more local control processors during the wireless zero client mode.

24. The portable computing device of claim 17, wherein the one or more local control processors are further configured to:

facilitate wireless communication between the host computer and the one or more zero client processors during the wireless zero client mode by establishing a virtual private network (VPN) tunnel to the host computer.

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